

Northwestern
CENTER FOR PUBLIC SAFETY



SPRING - SUMMER 2020
CURRENTLY SCHEDULED
COURSES

PUBLIC SAFETY MANAGEMENT & LEADERSHIP
CRASH INVESTIGATION & RECONSTRUCTION
TRANSPORTATION ENGINEERING
CRIME SCENE INVESTIGATION & FORENSIC SCIENCE
POLICE TRAINING

FROM THE EXECUTIVE DIRECTOR:

Public safety in the 21st century is evolving more rapidly than ever. Communities and their agencies face threats and challenges that heretofore have not existed. To help combat these issues, local law enforcement agencies are developing, adopting, and promoting policies that improve safety and encourage police-community relations.

Law enforcement, fire, and other public safety agencies now are expected to operate at levels of transparency that did not exist 10 years ago. In response to this new environment, agency leadership styles and competencies must transition from the authoritative style that has traditionally dominated the field to more inclusive approaches that enable and empower rather than dictate.

NUCPS continues to meet the needs of this new environment and excels in offering the most relevant programs and curriculum in public safety leadership, management, and specialized police training.

Please take a moment to review our currently schedule courses for Spring / Summer 2020. Each course is designed to help raise the quality of life within the communities you serve and to enhance your public safety career and professional development.

We look forward to working with you and your colleagues as you further your professional education at NUCPS.

Sincerely,

David P. Bradford
Executive Director
Northwestern Center for Public Safety

Host a NUCPS Course

Each year, agencies across the US host NUCPS courses, creating opportunities for local and regional law enforcement and other public safety professionals to enhance their education closer to home, saving time and money.

BENEFITS

The host agency can receive a specific number of free seats, determined by the number of paying students in the course.

COSTS

No out-of-pocket costs are due to Northwestern. NUCPS handles registration and tuition billing.

WE PROVIDE

- Instructors & all course materials.
- Brochures, fliers, and examples of course announcements.
- Course listing on the NUCPS website, in advertising on policetraining.net, in email blasts, and in our newsletter.

HOST AGENCY PROVIDES

- Course promotion to local agencies. This may include mailings, e-mailings, presentations, phone calls, social media, advertising, and PR;
- Suitable classroom in terms of size, internet access, and general course requirements; and,
- Contact person to assist instructors during the course.

LENGTH OF COURSE

Courses vary in length. NUCPS can work with hosts to determine the number of days and class hours.

PLAN AHEAD

NUCPS recommends planning at least 9 – 12 months in advance. This lead time will help the host agency and NUCPS promote the course and allow potential participants to secure funding.

FOR MORE INFORMATION

Visit nucps.northwestern.edu/hostacourse, email nucps@northwestern.edu, or call (800) 323-4011.

FORENSIC SCIENCE / CRIME SCENE

UPCOMING COURSE SECTIONS

| COURSE | UPCOMING DATES | PRICE |
|--------------------------------|----------------|---------|
| Crime Scene Technology 1 | 4/6 - 4/10 | \$1,475 |
| Crime Scene Technology 2 | 4/13 - 4/17 | \$1,475 |
| Crime Scene Technology 3 | 4/20 - 4/24 | \$1,475 |
| Bloodstain Evidence 1 | 4/27 - 5/1 | \$1,375 |
| Bloodstain Evidence 2 | 5/4 - 5/8 | \$1,375 |
| Digital Forensic Photography | 5/11 - 5/15 | \$1,325 |
| Digital Forensic Photography 2 | 5/18 - 5/19 | \$ 575 |

All classes take place at NUCPS unless otherwise noted.

Course Descriptions

CRIME SCENE TECHNOLOGY 1: A MULTIDISCIPLINARY APPROACH TO THE CRIME SCENE PROCESS

“Well taught, simple to understand, and comprehensive.” — Officer Ryan Schloesser, Shorewood (IL) Police Department

Obtain a strong foundation in crime scene process, including: approaching, searching, and assessing crime scenes; recording notes, sketches, and diagrams; identifying, collecting, and developing evidence; utilizing the forensic laboratory; understanding the significance of bloodstain evidence in criminal investigations; and, more. A hands-on course featuring lab projects. *Meets certification requirements through the International Association for Identification (IAI).*

CRIME SCENE TECHNOLOGY 2: A CRIME SCENE PRACTICUM

With minimal lecture and maximum hands-on lab experience, this accelerated course focuses on developing and enhancing physical evidence. Students learn techniques and methods for using equipment, chemicals, and forensic light sources and photographic evidence, as well as documenting bloodstain patterns, constructing 3D diagrams, and developing courtroom presentations and testimony. *Meets certification requirements through the IAI.*

Prerequisites: Crime Scene Technology 1 is strongly encouraged.

CRIME SCENE TECHNOLOGY 3: ADVANCED TECHNIQUES

Features advanced chemical and light-source enhancement techniques, expert methods for documenting and preserving trace evidence, and professional photographic documentation of processed evidence. With its hands-on approach, this course offers opportunities to experiment and actively learn from group participation. Group projects involve simulated case evidence, lab process, photo documentation, and preservation of processed evidence. *Meets certification requirements through the IAI.*

Prerequisites: Crime Scene Technology 2.

Course Descriptions



BLOODSTAIN EVIDENCE 1

Detectives, crime scene technicians, crime lab personnel, and investigators can benefit from this course that teaches students how to preserve bloodstains and patterns through notations, measurements, photography, and sketches. Participants also learn to preserve crime scenes, evaluate circumstances and statements, reconstruct chains of events, collect stains for analysis, and prepare cases for trial. *Meets membership requirements for the International Association of Bloodstain Pattern Analysis (IABPA) and partial certification requirements for the IAI.*

BLOODSTAIN EVIDENCE 2

Features an in-depth review of bloodstain pattern identification and analysis. Students learn how to make sophisticated interpretations of bloodstain evidence obtained at the crime scene and gain proficiency correlating stains and patterns with body trauma through documentation and reconstruction techniques. *Meets membership requirements for the IABPA and partial certification requirements for the IAI.*

Prerequisites: Bloodstain Evidence 1.

DIGITAL FORENSIC PHOTOGRAPHY

This comprehensive, hands-on course is designed to help such professionals as crime scene investigators, police photographers, criminal investigators, crash investigation and reconstruction professionals, insurance investigators, and others enhance their professional abilities. In addition to camera operation, file types and archiving, and lighting techniques, experienced instructors teach the control and printing of digital images, the digital evidence process, and courtroom testimony preparation.

DIGITAL FORENSIC PHOTOGRAPHY 2: NIGHT OPERATIONS

A must for all professional law enforcement photographers, this course teaches student to adjust for variable, real-life, low-light settings. Applying digital photography practices to night and low-light level assignments, students obtain hands-on experience in outdoor, evening conditions that cannot be replicated in a classroom. Students learn to calculate low-light exposures, manage multiple flash exposures, and utilize “painting with light” or combination exposure techniques. The two-day course is held in the late afternoon and evening hours to ensure natural light variations.

Prerequisites: Digital Forensic Photography.

MORE POLICE TRAINING

UPCOMING COURSE SECTIONS

| COURSE | LOCATION | UPCOMING DATES | PRICE |
|--|---------------|----------------|---------|
| Interview & Interrogation Techniques | Evanston | 6/1 - 6/3 | \$ 400 |
| Managing Criminal Investigation Units | Evanston | 8/10 - 8/13 | \$ 450 |
| Managing Criminal Investigation Units | Glen Ellyn IL | 8/24 - 8/26 | \$ 450 |
| Standardized Field Sobriety Testing Instructor | Evanston | 6/8 - 6/12 | \$1,100 |
| Traffic RADAR / LIDAR Instructor Training | Evanston | 6/1 - 6/5 | \$1,100 |

Course Descriptions

INTERVIEW & INTERROGATION TECHNIQUES

Sharpen professional interview and interrogation skills in this course for today's investigators. Students acquire the knowledge needed to obtain voluntary and court-defensible statements that are relevant to the criminal matter at hand. This course helps enhance the investigator's ability to reveal the truth through developing rapport, creating a positive environment for interpersonal communication, reducing acrimony, and effectively challenging deception.

MANAGING CRIMINAL INVESTIGATION UNITS

Improve investigator efficiency, increase unit effectiveness, and ensure proper investigations with the help of this course for commanders, senior investigators, supervisors, and others responsible for case management. Addresses techniques for assigning, leading, and managing investigations, reducing error, and improving performance. Curriculum also covers the effective use of solvability factors, methods for selecting and evaluating investigators, and responsibilities from initial case presentation through trial and post-trial court actions.

STANDARDIZED FIELD SOBRIETY TESTING INSTRUCTOR

A five-day, train-the-trainer course that certifies participants to instruct the US DOT National Highway Traffic Safety Administration (NHTSA) DUI Detection & Standardized Field Sobriety Testing course. Focuses on improving detection skills, arrest requirements and procedures, evidence collection, and recording and articulating observed behaviors to obtain convictions.

TRAFFIC RADAR / LIDAR INSTRUCTOR TRAINING

NHTSA-approved course provides the latest information on training instructors and offers the background and materials needed to teach the RADAR and LIDAR operator course at the local level. Students learn how to develop and implement the operator course, become proficient in instructional methodologies, learn the technical aspects and legal issues of RADAR and LIDAR operation, and much more.



TRANSPORTATION ENGINEERING

UPCOMING COURSE SECTIONS

| COURSE | CEUs | UPCOMING DATES | PRICE |
|---|-----------------------|----------------|---------|
| Identification & Treatment of High-Hazard Locations | | 7/20 7/22 | \$ 825 |
| Roundabout Design Workshop | | 8/17 - 8/19 | \$ 825 |
| Traffic & Transportation Engineering Seminar 1 | 3.5 CEUs / 35 PDHs | 6/1 - 6/5 | \$ 850 |
| Traffic & Transportation Engineering Seminar 2 | 3.5 CEUs / 35 PDHs | 6/8 - 6/12 | \$ 850 |
| Traffic Impact Analysis Workshop | | 6/1 - 6/5 | \$1,150 |
| Traffic Signal Workshop | | 6/8 - 6/12 | \$ 875 |

All classes take place at NUCPS unless otherwise noted.

Course Descriptions

IDENTIFICATION & TREATMENT OF HIGH-HAZARD LOCATIONS

This three-day workshop emphasizes practical solutions to problems in identifying high-hazard locations, the development and selection of countermeasures, prioritization of candidate projects, and evaluation of implemented projects. The comprehensive course is a synthesis of the approaches, practices, and programs of many state, county, and city agencies. Case studies and example problems illustrate practical applications of the course content. Participants as individuals and in teams to solve sample issues using curriculum principles and techniques.

INTERSECTION DESIGN & CHANNELIZATION WORKSHOP

Covers the principles of intersection and channelization design, identifying and treating intersection deficiencies, and redesigning existing intersections. Includes lectures, workshop, and project.

ROUNDBOUT DESIGN WORKSHOP

A three-day workshop for geometric design and traffic engineers responsible for urban or rural intersections. Focuses on selection criteria for roundabout intersections, geometric design practices and procedures, and design of traffic control devices. Workshop format includes lectures and extensive

Course Descriptions

hands-on design projects that give participants the opportunity to apply course principles and design techniques.

TRAFFIC & TRANSPORTATION ENGINEERING SEMINARS 1 AND 2

These consecutive seminars offer the latest theory and application of the functional capabilities of traffic signal controllers and systems for creating optimum efficiency and safety of traffic flow at intersections, on street systems, and in roadway networks.

TRAFFIC IMPACT ANALYSIS WORKSHOP

A critical workshop for engineers and planners from city, county, and state agencies as well as consultants and others involved in the approval of new land developments or the modification of existing structures. This one-week workshop presents the methodology, techniques, and procedures used for evaluating proposed land developments, determining internal and external site transportation requirements, and developing transportation-related land use controls, as well as covers legal/administrative tools. Case studies illustrate practical applications, and participants work in teams to solve example problems.

TRAFFIC SIGNAL WORKSHOP

Designed for engineers involved in traffic operations, traffic control devices, street improvement plans, or functional design of roadway systems, whether in rural or urban settings or at the city, county, or state agency level. Covers the latest theory and application of the functional capabilities of traffic signal controllers and systems. Emphasizes development and evaluation of signal timing and phasing plans and the selection of signal control equipment to create optimum efficiency and safety of traffic flow at intersections, on street systems, and in roadway networks.



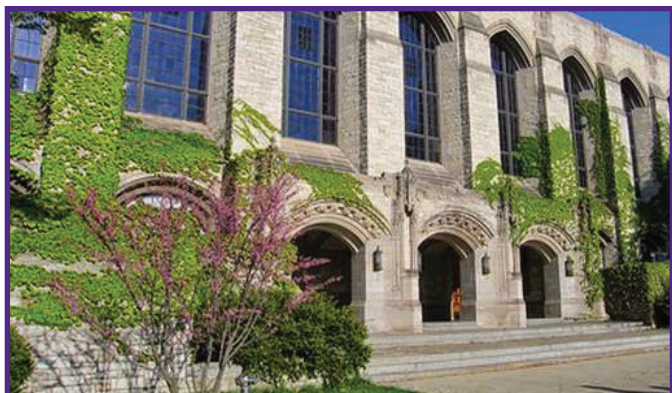
For Course Details, Visit
nucps.northwestern.edu

MANAGEMENT & LEADERSHIP

UPCOMING COURSE SECTIONS

| SCHOOL OF POLICE STAFF & COMMAND | UPCOMING DATES | PRICE |
|----------------------------------|----------------|---------|
| Des Moines, IA | 3/16 - 7/17 | \$4,200 |
| Nashville, TN | 3/30 - 6/5 | \$4,200 |
| Rio Rancho, NM | 4/6 - 6/12 | \$4,400 |
| Tempe, AZ | 6/1 - 8/14 | \$4,350 |
| Commerce City, CO | 8/10 - 12/11 | \$4,500 |
| Eagan, MN | 9/21 - 12/4 | \$4,100 |
| Evanston @ NUCPS | TBD | \$3,700 |
| Kingman, AZ | 10/12 - 2/12 | \$4,500 |
| Dekalb, IL | 10/12 - 2/12 | \$4,000 |
| SPRING SPSC ONLINE | 3/2 - 8/2 | \$4,000 |
| LATE SPRING SPSC ONLINE | 5/4 - 10/4 | \$4,000 |
| SUMMER SPSC ONLINE | 7/6 - 12/13 | \$4,000 |

“Our department has long valued the importance of SPSC and the value of its content. SPSC is highly sought as a prerequisite to advance. Once I was able to attend, it was everything I expected and more. I was able to see why this course of instruction is so valuable to future leaders.” — *Sgt. Shannon Brinkley, Tennessee Highway Patrol*



For Course Details, Visit
nucps.northwestern.edu/management

MANAGEMENT & LEADERSHIP

UPCOMING COURSE SECTIONS

| SUPERVISION OF PUBLIC SAFETY PERSONNEL | UPCOMING DATES | PRICE |
|--|----------------|---------|
| Glenview, IL @ NIPSTA | 3/30 - 4/24 | \$1,000 |
| Glenview, IL @ NIPSTA | 9/28 - 10/30 | \$1,000 |

| SUPERVISION OF POLICE PERSONNEL | UPCOMING DATES | PRICE |
|---------------------------------|----------------|---------|
| West Allis, WI | 4/13 - 4/24 | \$1,000 |
| Glen Ellyn, IL | 5/11 - 5/22 | \$1,000 |
| Richfield, MN | 6/1 - 6/12 | \$1,000 |
| Springfield, IL | 8/3 - 8/14 | \$1,000 |
| Evanston, IL @ NUCPS | 8/17 - 8/28 | \$1,000 |
| Glen Ellyn, IL | 8/17 - 8/28 | \$1,000 |
| Tempe, AZ | 9/14 - 9/24 | \$1,000 |
| Bismarck, ND | 9/21 - 10/2 | \$1,000 |
| Normal, IL | 10/26 - 11/6 | \$1,000 |
| SPRING SPP ONLINE | 3/9 - 5/3 | \$1,000 |
| LATE SPRING SPP ONLINE | 5/4 - 6/28 | \$1,000 |
| SUMMER SPP ONLINE | 7/13 - 9/6 | \$1,000 |
| EARLY FALL SPP ONLINE | 9/14 - 11/18 | \$1,000 |

| EXECUTIVE MANAGEMENT PROGRAM | UPCOMING DATES | PRICE |
|------------------------------|----------------|---------|
| Evanston, IL @ NUCPS | 7/27 - 8/14 | \$2,300 |

Course Descriptions

SUPERVISION OF PUBLIC SAFETY PERSONNEL (SPSP)

A new leadership course for an interagency environment!

Major vehicle crashes . . . natural disasters . . . raging forest fires . . . active shooter responses. These examples are only a few of the many critical situations that demand effective, collaborative leadership between public safety agencies.

To meet the critical need for a cross-disciplinary management class, NUCPS and the Northeastern Illinois Public Safety Training Academy (NIPSTA) teamed up to develop Supervision of Public Safety Personnel (SPSP), which provides front-line supervisors with essential skills for successfully managing multi-agency emergency incidents and navigating the challenges that accompany them.

NUCPS and NIPSTA developed this two-week course for supervisors from a variety of agencies, including fire, police, EMS, communications, public health, and others at the local, state, and federal levels. Topics include:

- Communication skills
- Incident command
- Performance management
- Community & media relations
- Risk management
- Key elements of dynamic leadership and motivation
- More!

Enhance your team's impact on multi-agency situations with participation in SPSP.



For Details, Visit
nucps.northwestern.edu/spsp

Course Descriptions

SUPERVISION OF POLICE PERSONNEL (SPP)

“A great first-line supervision course and . . . a great refresher for experienced senior supervisors. The instructor was very engaging, clearly experienced, and knowledgeable.” — *Senior Agent Tom Carrell, Medina County (OH) Drug Task Force*

Unsurpassed management training for professionals who are new to — or soon-to-be promoted to — supervisory roles. Whether participating in a classroom or online course, curriculum covers critical topics for new police managers, including leadership and motivational principles, communication techniques, ethics and professionalism, planning, decisionmaking, community image, and more. Nationally respected law enforcement professionals instruct SPP, combining their extensive personnel and management experience with solid academic credentials.

EXECUTIVE MANAGEMENT PROGRAM (EMP)

An intensive three-week program, EMP is designed to give policy-making public safety executives and leaders a forum for exploring trends and workshoping with peers on topical issues and challenges while also studying emerging law enforcement issues. Participants acquire the tools for preparing themselves and their organizations to proactively respond to dynamic public safety environments. Topics include officer recruitment, wellness, employee discipline, police-media relations, critical incident command, ethics, leading in politically charged environments, and more.

THE NUCPS PUBLIC SAFETY EXECUTIVE LEADERSHIP AWARD

Each year, NUCPS proudly presents the Executive Leadership Award to candidates who have successfully completed **all three** of the following classroom or online courses:

- Supervision of Police Personnel
- School of Police Staff & Command
- Executive Management Program

The NUCPS Executive Leadership Award represents a cumulative total of hundreds of hours of course work, homework, papers, study, and exams. Qualifying courses do not need to be taken in a specific order. NUCPS invites recipients to the November SPSC luncheon to receive their awards.

Visit nucps.northwestern.edu/management to learn more about the award application process.



SCHOOL OF POLICE STAFF & COMMAND (SPSC)

“The best leadership / management training I have attended in my 30-year career in law enforcement. I highly recommend this outstanding program to any law enforcement officer who desires to become a leader in their police department.”

— Lt. Nelson Whitney, Falls Township (PA) Police Department

For more than 35 years, SPSC has prepared law enforcement managers for senior command positions by combining academic principles with practical applications. This intensive internationally respected program totals 10 weeks of class time and covers an array of topics that public safety leaders must handle, from budgeting and employee relations to policy planning and resource allocation. Participants who successfully complete SPSC return to their agencies with the knowledge required for:

- Forward-thinking, global thought
- Delivering effective and efficient services
- Successfully motivating and managing officers and other personnel
- Analyzing their environments
- Mitigating risk and their agencies' legal exposure
- Developing transparent systems of accountability
- More!

The dynamic SPSC experience — whether in the classroom or online — is known for encouraging the development of long-lasting professional relationships and networks through course projects and activities. Participants should possess at least two years of supervisory experience. Graduates receive six units of credit under the Northwestern University quarter system.

The program is offered online and on-ground throughout the US and around the world. Class schedules also may vary by course location, providing participants with scheduling options.



For more information or to register, visit nucps.northwestern.edu/spsc

CRASH INVESTIGATION & RECONSTRUCTION

UPCOMING COURSE SECTIONS

“An outstanding program full of good information. It’s a relief to pull up to a crash with confidence you can find out whatever you need because of the training and teaching you received.” — Trooper Austin Douglas, Louisiana State Police

| COURSES | CEUs | DATE | PRICE |
|--|-----------|-------------|---------|
| Revised! Traffic Crash Reconstruction 1 | 73 ACTARs | 4/20 - 5/1 | \$1250 |
| Revised! Traffic Crash Reconstruction 2 | 35 ACTARs | 5/4 - 5/8 | \$950 |
| Traffic Crash Reconstruction Refresher | 23 ACTARs | 5/18 - 5/20 | \$625 |
| Crash Investigation 1 | | 3/16 - 3/27 | \$1,200 |
| Crash Investigation 1 Online | | 5/4 - 6/28 | \$1,200 |
| Crash Investigation 2 | | 3/30 - 4/10 | \$1,200 |
| Crash Investigation 2 Online | | 5/4 - 6/28 | \$1,200 |
| Vehicle Dynamics | | 4/13 - 4/17 | \$900 |
| Heavy Vehicle Crash Reconstruction | 39 ACTARs | 5/18 - 5/22 | \$1,000 |
| CDR Technician | 16 ACTARs | 5/14 - 5/15 | \$300 |
| CDR Data Analyst | | 5/18 - 5/22 | \$750 |
| Adv. Crash Reconstruction Utilizing Human Factors Research | 40 ACTARs | 5/11 - 15 | \$950 |

All classes take place at NUCPS unless otherwise noted.

Course Descriptions

CRASH INVESTIGATION 1

“Will make you think about crashes in a whole new way. . . Extremely informative and has good hands-on application. Once you finish with this course, you feel empowered to handle traffic crashes.” — Sgt. Wayne Jakobitz, Bourbonnais (IL) Police Department

Instructs on investigating — rather than only reporting — traffic crashes. Based on Lynn Fricke and J. Standard Baker’s renowned *Traffic Crash Investigation, 11th edition*, this is an in-depth study of systematic traffic crash investigation, including evidence recording, data collection, after-crash diagrams, and more.

CRASH INVESTIGATION 2

Students learn how to properly collect and initiate interpretation of information collected at a crash scene. Emphasizes vehicle behavior in crashes and analyzing damage and teaches advanced mapping and evidence location skills. Provides participants with instruction on laser-based devices.

Prerequisites: Crash Invest. 1

VEHICLE DYNAMICS

Prepare for NUCPS Crash Reconstruction courses! Vehicle Dynamics Introduces students to the laws of physics and mechanics that relate to traffic crashes.

Prerequisites: Crash Invest. 1 & 2

REVISED! TRAFFIC CRASH RECONSTRUCTION 1

“Reconstruction 1 is a challenging course, but the manner in which it is presented keeps you interested . . . The instructors are top notch, and the case studies are unique. The case studies push you to think logically and apply the newly learned information to help make sense of how the crash occurred. Man, is it satisfying when you are on the right track!”

— Officer Wes Kumpula, Antioch (IL) Police Department

Our renowned reconstruction course features a new format that focuses on the basics of traffic crash reconstruction. Students are immersed in such critical core material as:

- Engineering mechanics
- Vehicle behavior in collisions
- An introduction to human factors
- Time-distance analysis
- EDR usage in traffic crash reconstruction
- Post-collision drag factor analysis
- Momentum & Special velocity calculations (e.g., sideslip, falls, vaults, and flips).

REVISED! TRAFFIC CRASH RECONSTRUCTION 2

Building upon the basics taught in Traffic Crash Reconstruction 1, this revised course focuses primarily on energy-based analysis. Students learn the principles of energy and damage energy, occupant behavior, momentum and energy analysis, and also acquire an introduction to force balance.

Prerequisites: Traffic Crash Reconstruction 1

TRAFFIC CRASH RECONSTRUCTION 3

Advanced concepts for better understanding and explaining real-world crash reconstruction. In-depth instruction focuses on Monte

Carlo analysis and advanced concepts in energy and momentum.

Prerequisites: Traffic Crash Reconstruction 1 & 2

TRAFFIC CRASH RECONSTRUCTION REFRESHER

For the crash reconstructionist who is looking for a review of the basic physics used to analyze traffic crashes or for an overview of the newer technologies in the profession, such as EDR.

Prerequisites: Traffic Crash Reconstruction 1 & 2

“The reconstruction program has been challenging and rewarding. The instructors have a good knowledge base to provide a great experience.”
— Trooper David Levy, Louisiana State Police



NUCPS Crash Investigation & Reconstruction Instructors, 2020

HEAVY VEHICLE CRASH RECONSTRUCTION

Examines the unique characteristics of how heavy vehicles, especially articulated vehicles, perform in various crash scenarios. Emphasizes assessments of truck-braking systems, EDRs, tachygraphs, and gear positions. Includes seven hours of field testing and the opportunity to analyze and apply collected data.

Prerequisites: Traffic Crash Reconstruction 1 & 2

CDR TECHNICIAN

Learn the basic functions of the Bosch CDR system to image data confidently from vehicles using OBD-II Data Link Connector ports and directly from airbag control modules.

CDR ANALYST

The longest-standing, industry-standard training program for Bosch CDR Data Analyst Certification!

This natural extension of the CDR Technician course advances students' crash reconstruction skills. Provides detailed instruction in assessing information from EDRs and covers utilization in momentum application, comprehension of delta-v and PDOF, and more.

Prerequisites: CDR Technician. Traffic Crash Reconstruction 1 is encouraged.

ADVANCED CRASH RECONSTRUCTION UTILIZING HUMAN FACTORS RESEARCH

Learn to understand the human role in the crash sequence, including how human decision, action, inaction, and other behaviors contribute to determining the how and why of a crash. Advanced curriculum also incorporates reaction time research, response delays and impairment, nighttime response scenarios, and IDRR and V*Star software tutorials.

*Upon successful completion, students receive an IDRR license from CSS, LLC, which provides each graduate with the use of IDRR for one year and V*Star for three months.*

Prerequisites: Traffic Crash Reconstruction 1, Excel proficiency.

POLICE MOTORCYCLE TRAINING

UPCOMING COURSE SECTIONS

| COURSE | LOCATION | DATE | COST |
|----------------------------|-----------------|-------------|---------|
| Instructor Training | Springfield, MO | 4/6 - 4/24 | \$1,350 |
| Instructor Recertification | Springfield, MO | 4/7 | \$ 350 |
| Operator Training | Springfield, MO | 4/13 - 4/24 | \$ 995 |
| Instructor Training | Kokomo, IN | 5/4 - 5/22 | \$1,350 |
| Instructor Recertification | Kokomo, IN | 5/5 | \$ 350 |
| Operator Training | Kokomo, IN | 5/11 - 5/22 | \$ 995 |
| Instructor Training | Jackson, NJ | 6/1 - 6/19 | \$1,350 |
| Instructor Recertification | Jackson, NJ | 6/2 | \$ 350 |
| Operator Training | Jackson, NJ | 6/8 - 6/19 | \$ 995 |
| Instructor Training | Topeka, KS | 8/10 - 8/28 | \$1,350 |
| Instructor Recertification | Topeka, KS | 8/11 | \$ 350 |
| Operator Training | Topeka, KS | 8/17 - 8/28 | \$ 995 |



For Course Details, Visit
nucps.northwestern.edu/motorcycle

Course Descriptions

POLICE MOTORCYCLE INSTRUCTOR TRAINING

This internationally renowned three-week program prepares instructor candidates to teach the 80-hour NUCPS Police Motorcycle Operator Training course. Week One familiarizes instructor trainees with course set up and instruction on basic exercises, reviews adult education applications, and provides opportunities for critique of instructional techniques. Weeks Two & Three overlap with our Police Motorcycle Operator Training course to provide instructor candidates with hands-on experience in teaching exercises and working with real students. *Students must successfully complete the skills test at the end of Week One to continue into Weeks Two and Three.*

Prerequisites: Students must have completed the NUCPS Police Motorcycle Operator Training program or a program considered equivalent by the NUCPS Police Training Division.

POLICE MOTORCYCLE INSTRUCTOR RECERTIFICATION

Has it been five years since you became a certified instructor? It takes just one day to recertify your standing as a NUCPS Police Motorcycle Operator Instructor and continue to enhance the safety and ability of your officers. Recertification covers ABS braking, street-riding and tactical techniques, and new exercises that promote proficiency and student confidence. Upon successful completion, participants receive a new instructor certificate plus the most recent edition of the *NUCPS Motorcycle Instructor Manual*.

POLICE MOTORCYCLE OPERATOR TRAINING

The wisest motorcycle officers make an effort to minimize risk — and that requires training. Considered the gold-standard of police motorcycle training, our curriculum includes classroom instruction and in-the-saddle experience that covering: practical exercises that stress low-speed maneuverability, evasion techniques, and high-speed braking skills; maneuvers that use the full capability of your police motorcycle; defensive driving and vehicle stops; and, more.

Prerequisites: Police motorcycle training is challenging and not appropriate for a new motorcycle rider.

WHAT TO BRING TO CLASS

In addition to your police motorcycle, NUCPS requires a full motorcycle endorsement from your state of residence (instructional permits or any other temporary or provisional permits are not accepted). **Please visit nucps.northwestern.edu/motorcycle** to select your class and view a list of required and recommended equipment.

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Center for Public Safety

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CENTER FOR PUBLIC SAFETY